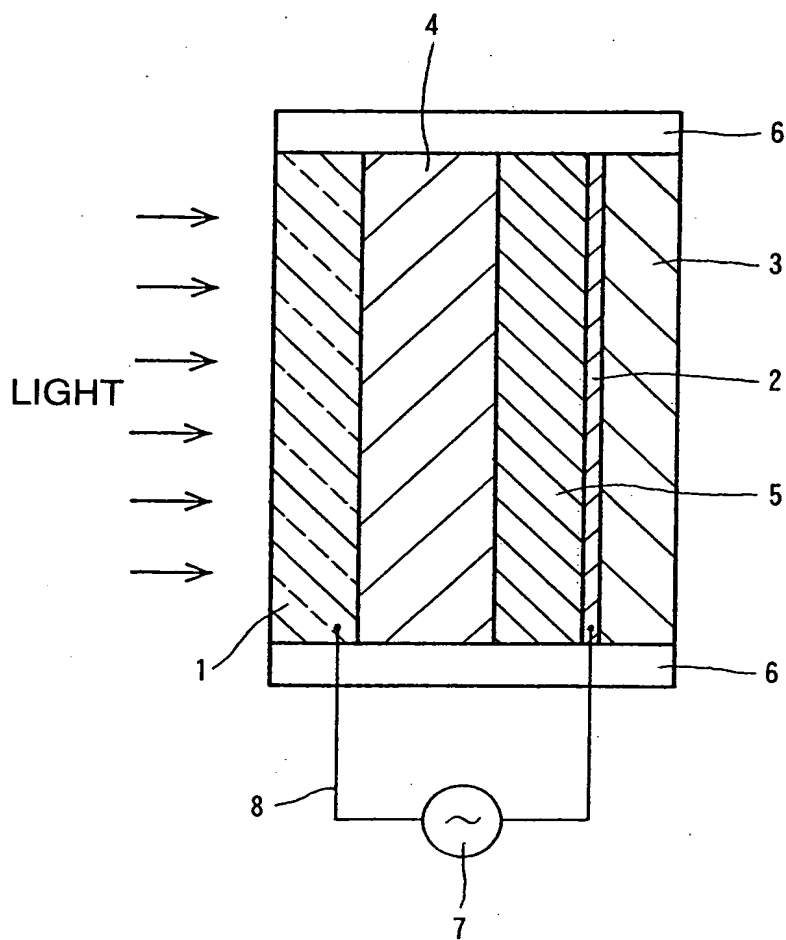
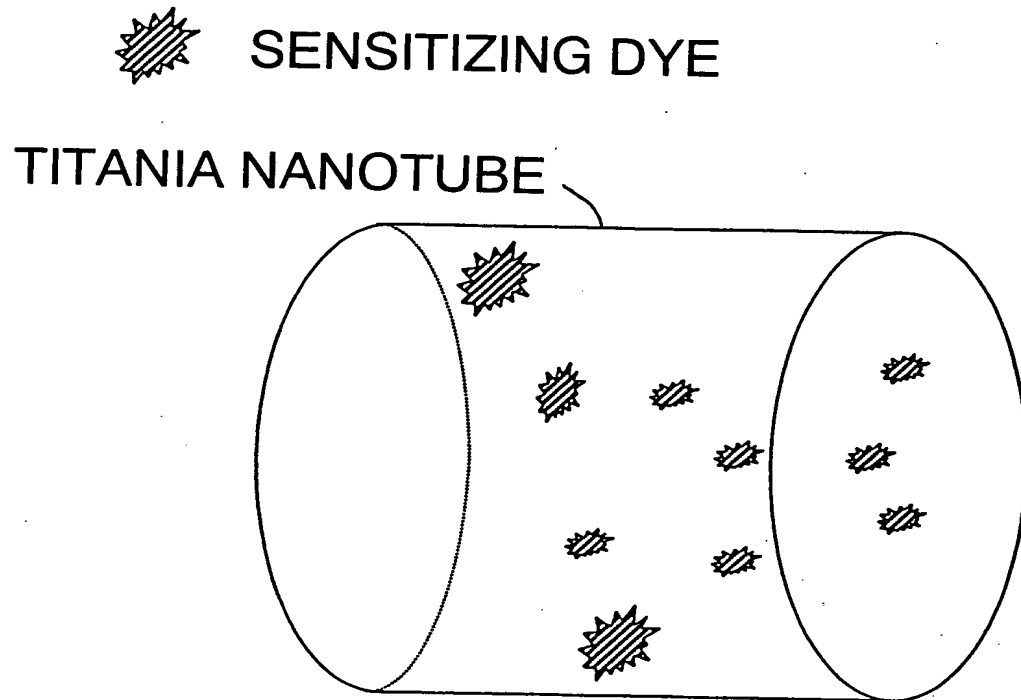
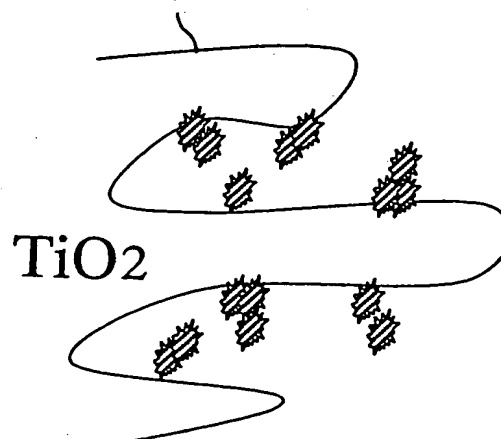


**Fig. 1**

**Fig. 2****Fig. 3**

POROUS TITANIA



## DESCRIPTION OF REFERENCE NUMERALS

- 1      TRANSPARENT CONDUCTIVE SUBSTRATE
- 2      CONDUCTIVE FILM
- 3      SUBSTRATE
- 4      SEMICONDUCTOR LAYER MADE OF TITANIA NANOTUBES
- 5      ELECTROLYTE LAYER
- 6      CASE
- 7      AMMETER
- 8      CURRENT CIRCUIT